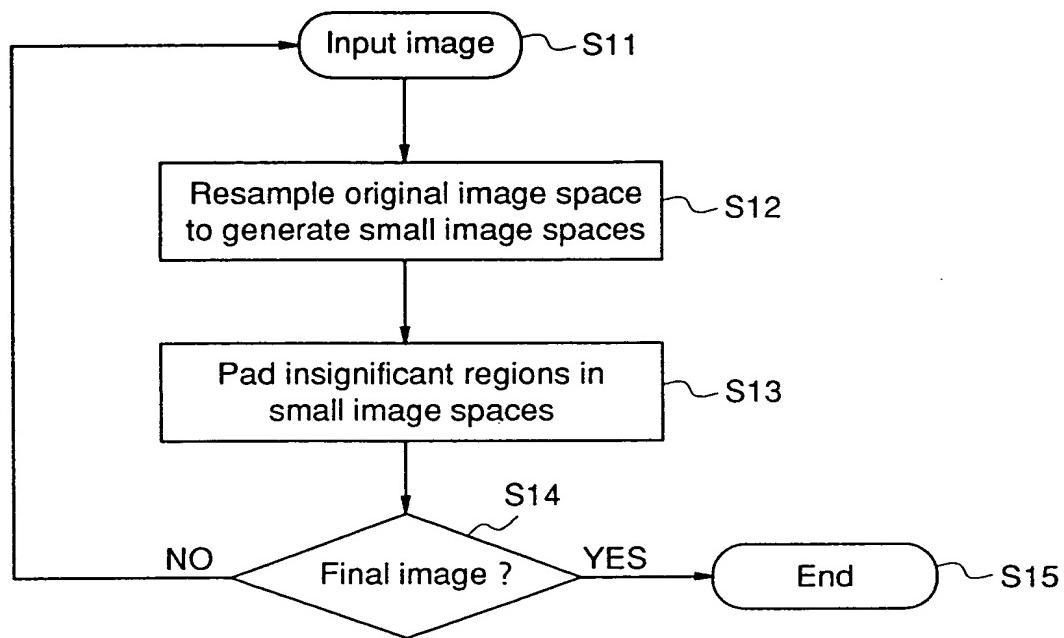


Fig.1



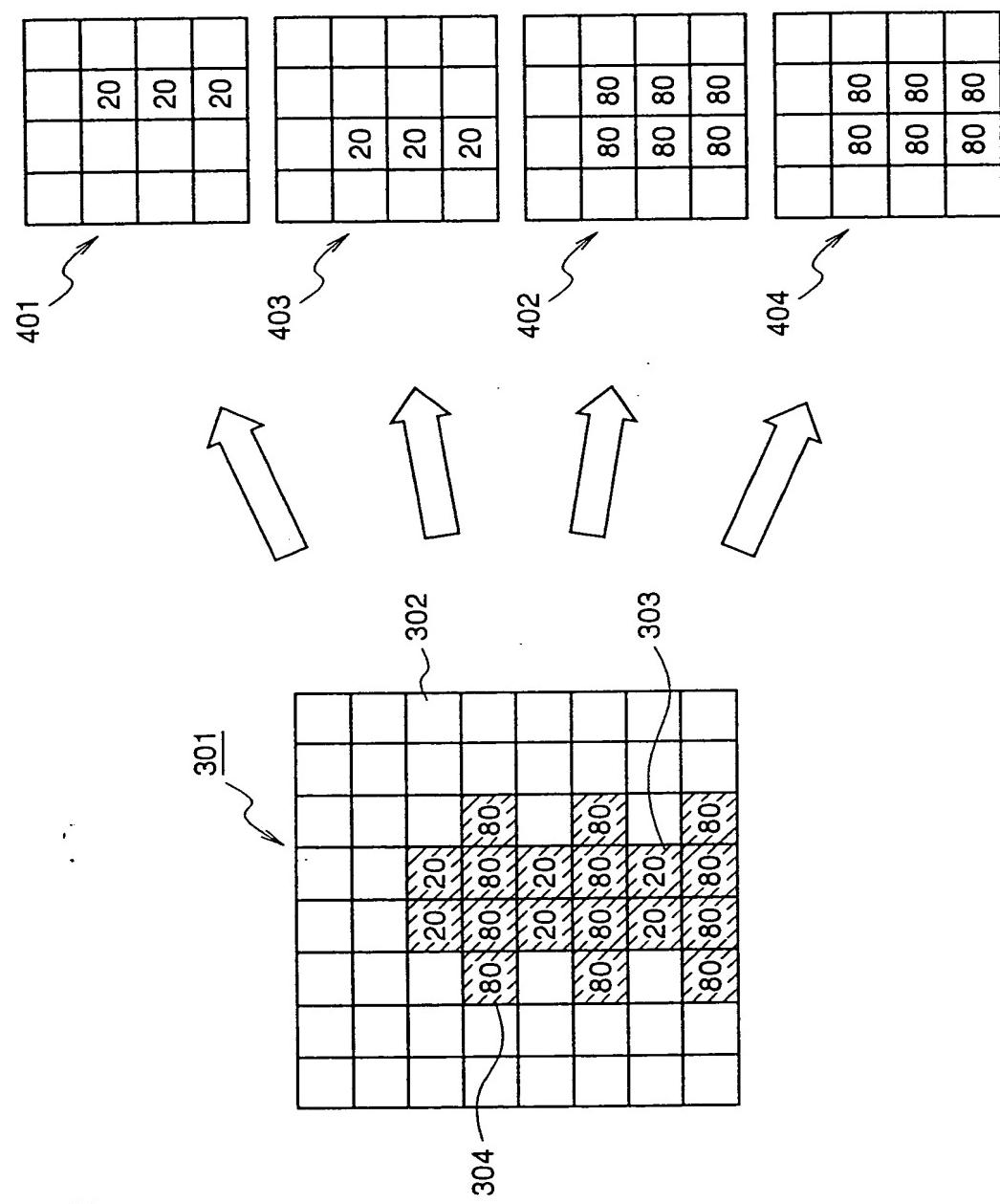


Fig.2

Fig.3 (a)

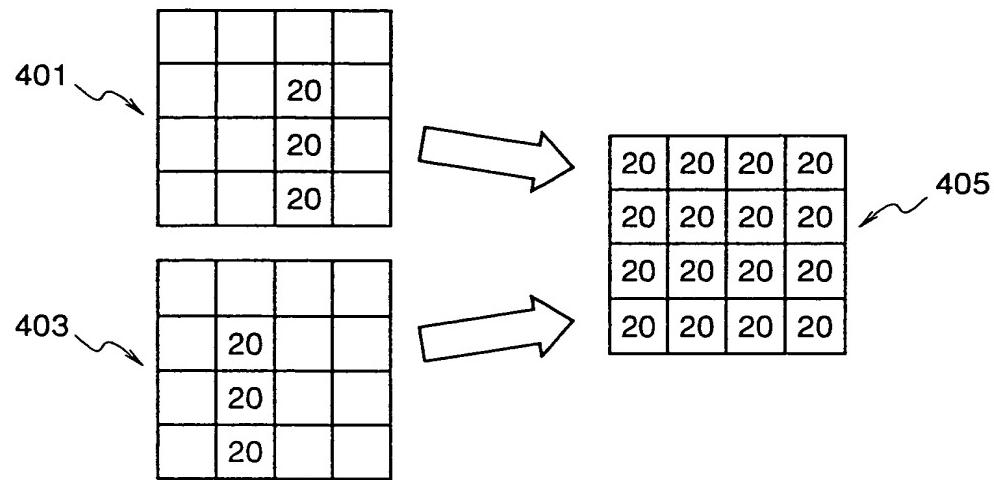


Fig.3 (b)

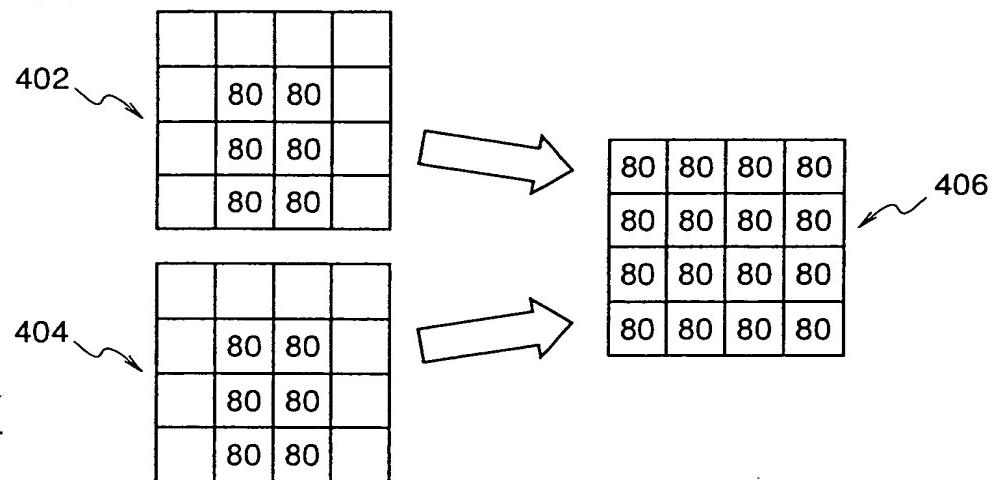


Fig.3 (c)

Diagram illustrating the conversion of a single 3x4 grid into a larger 8x8 grid.

The input grid, labeled 407, is a 3x4 grid with values:

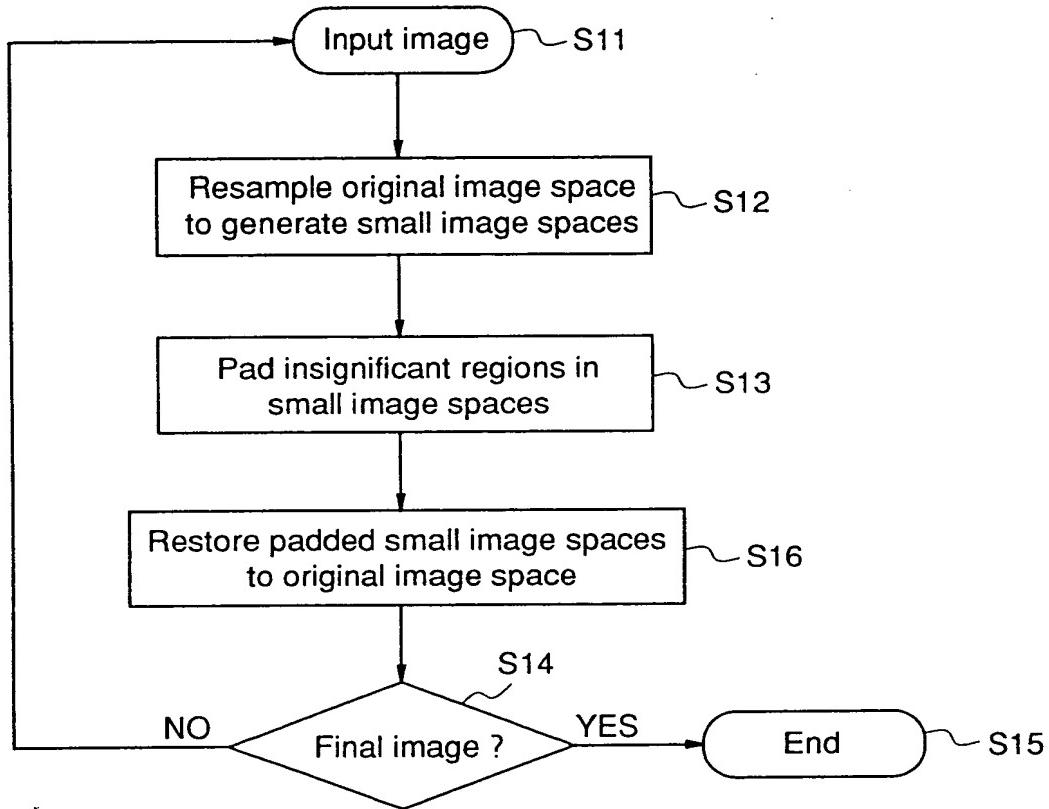
20	20	20	20
80	80	80	80
20	20	20	20

This grid is mapped to an 8x8 output grid where the values are repeated in a 2x4 pattern. The output grid contains the following values:

20	20	20	20	20	20	20	20
80	80	80	80	80	80	80	80
20	20	20	20	20	20	20	20
80	80	80	80	80	80	80	80
20	20	20	20	20	20	20	20
80	80	80	80	80	80	80	80
20	20	20	20	20	20	20	20
80	80	80	80	80	80	80	80

Specific cells in the output grid are shaded with diagonal lines to indicate certain states or regions of interest.

Fig.4



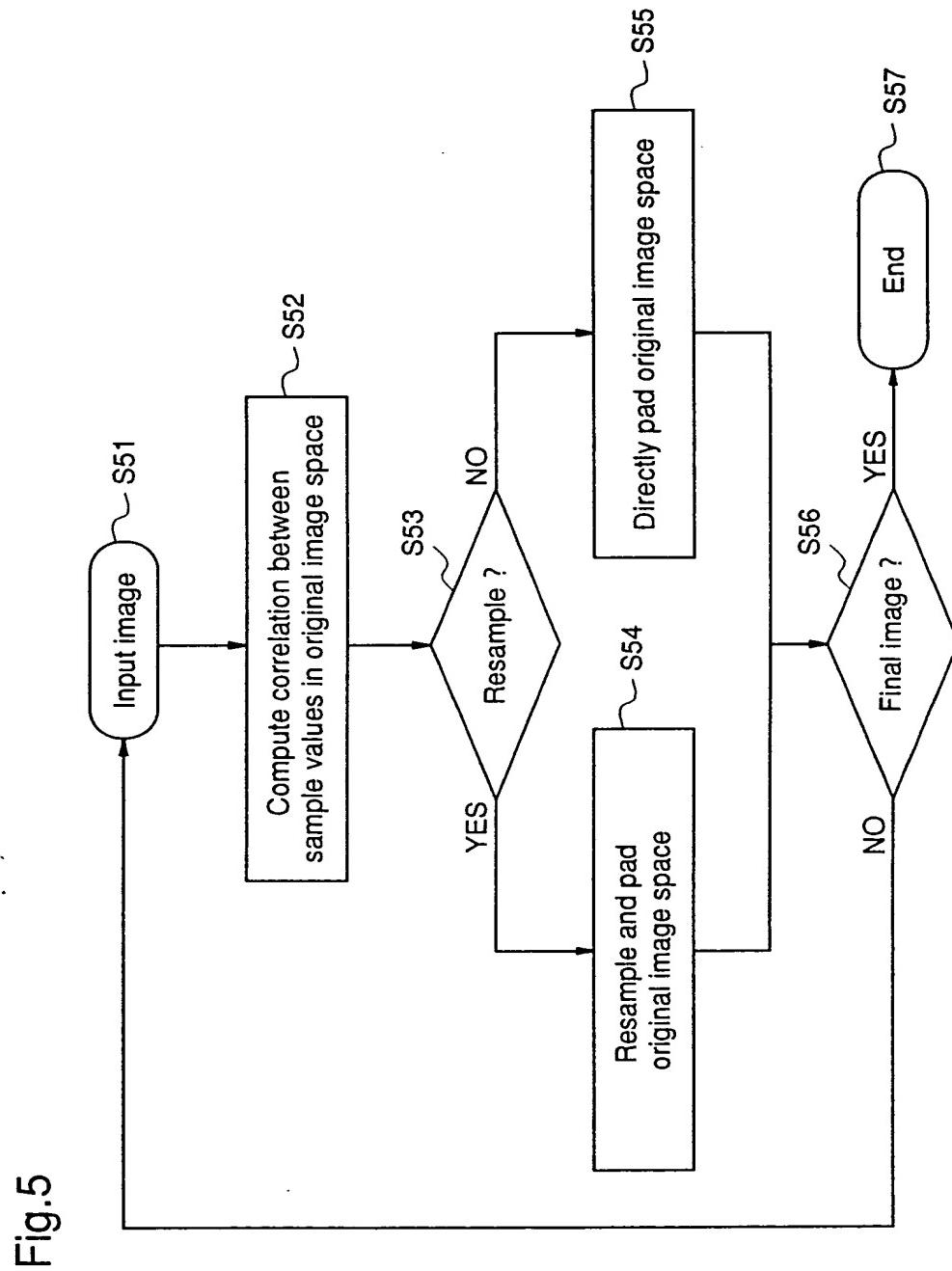


Fig.5

Fig.6

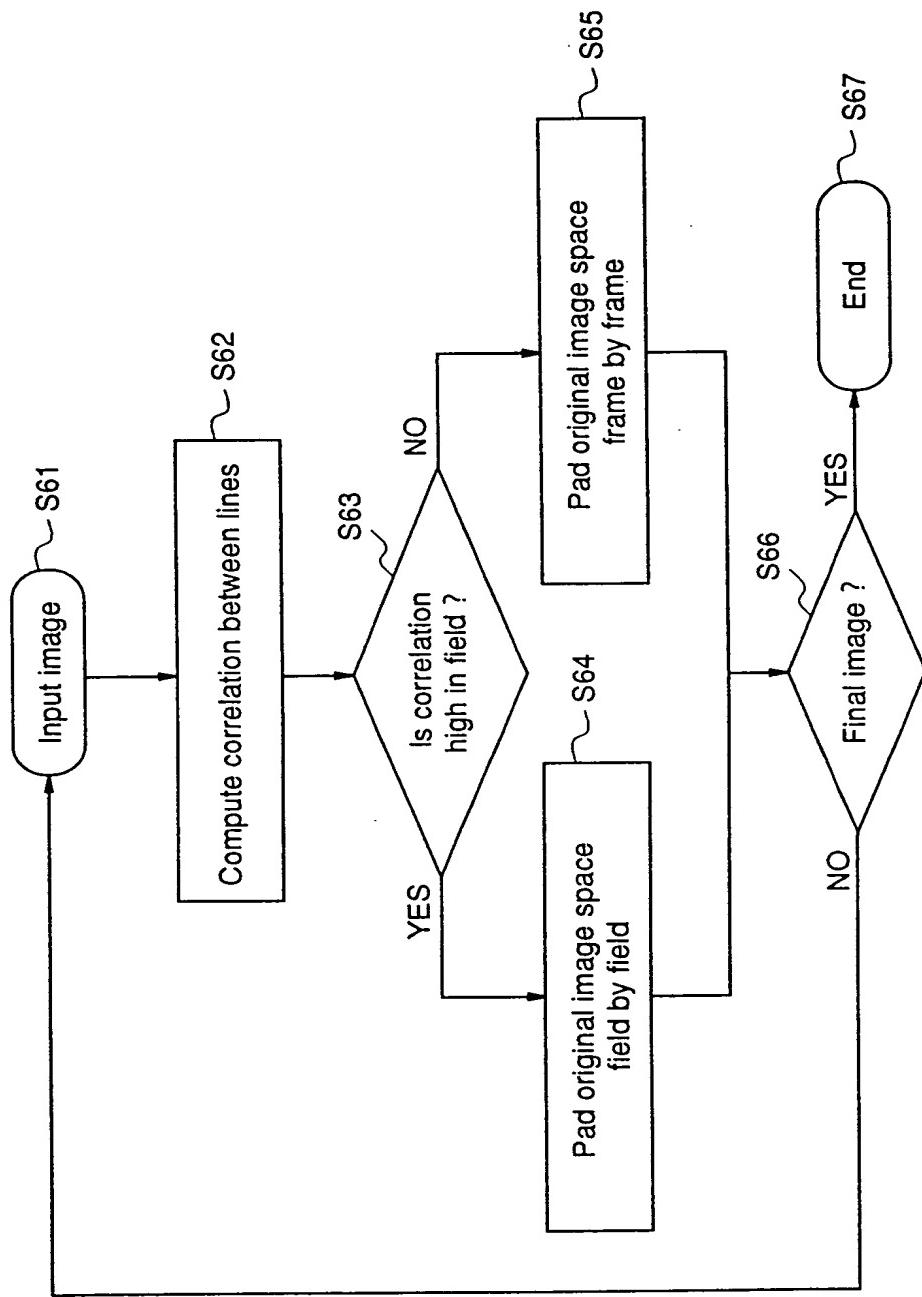


Fig.7 (a)

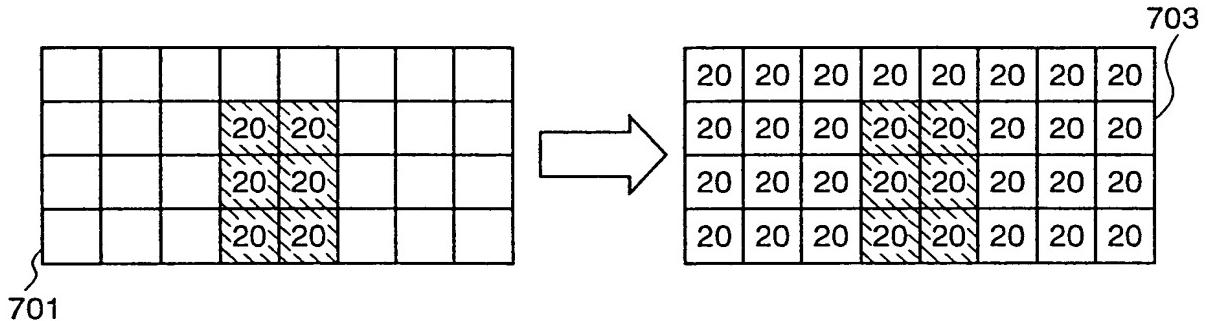


Fig.7 (b)

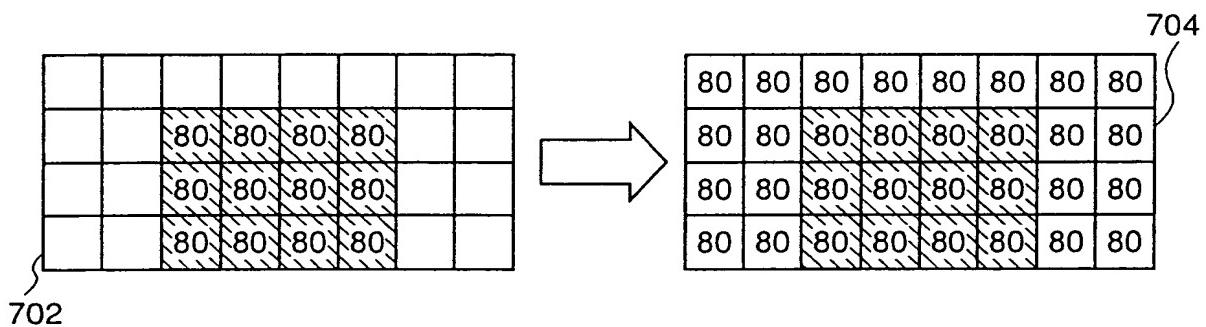


Fig.8 (a)

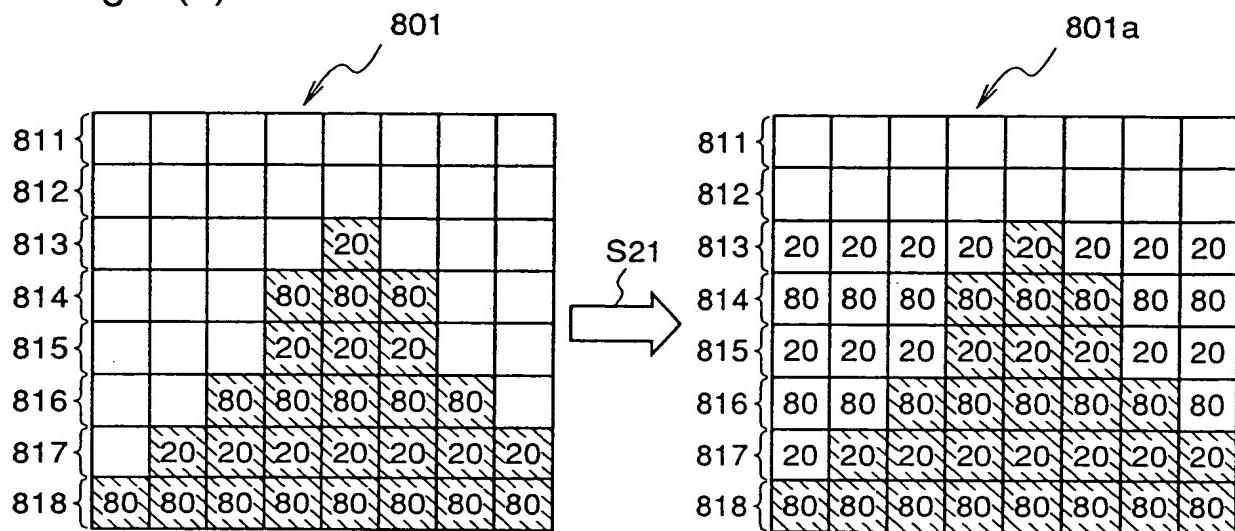


Fig.8 (b)

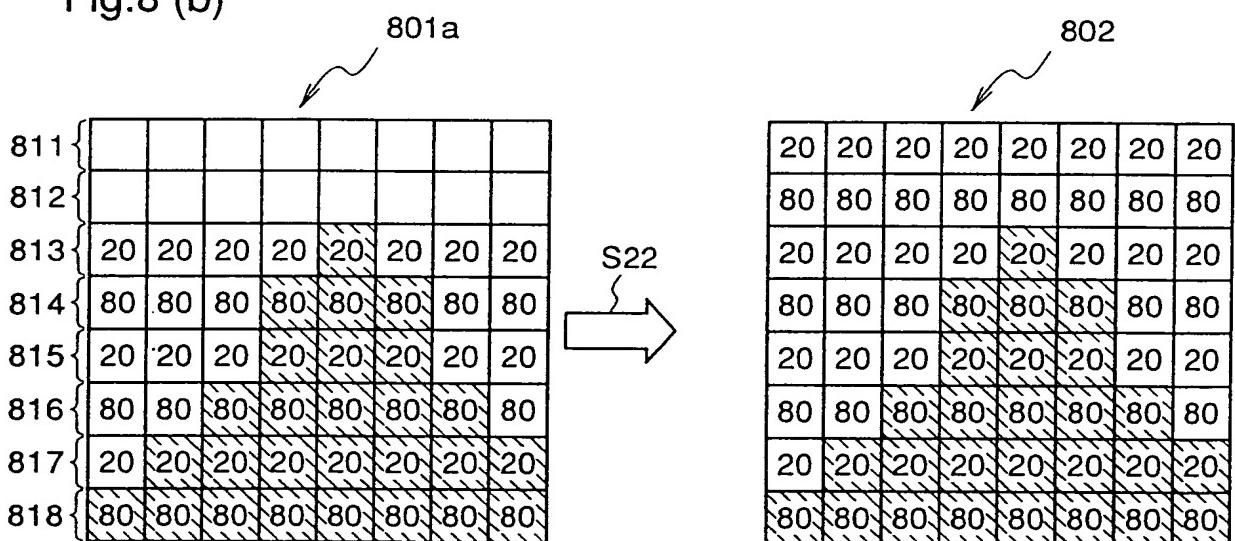


Fig. 9 (a)

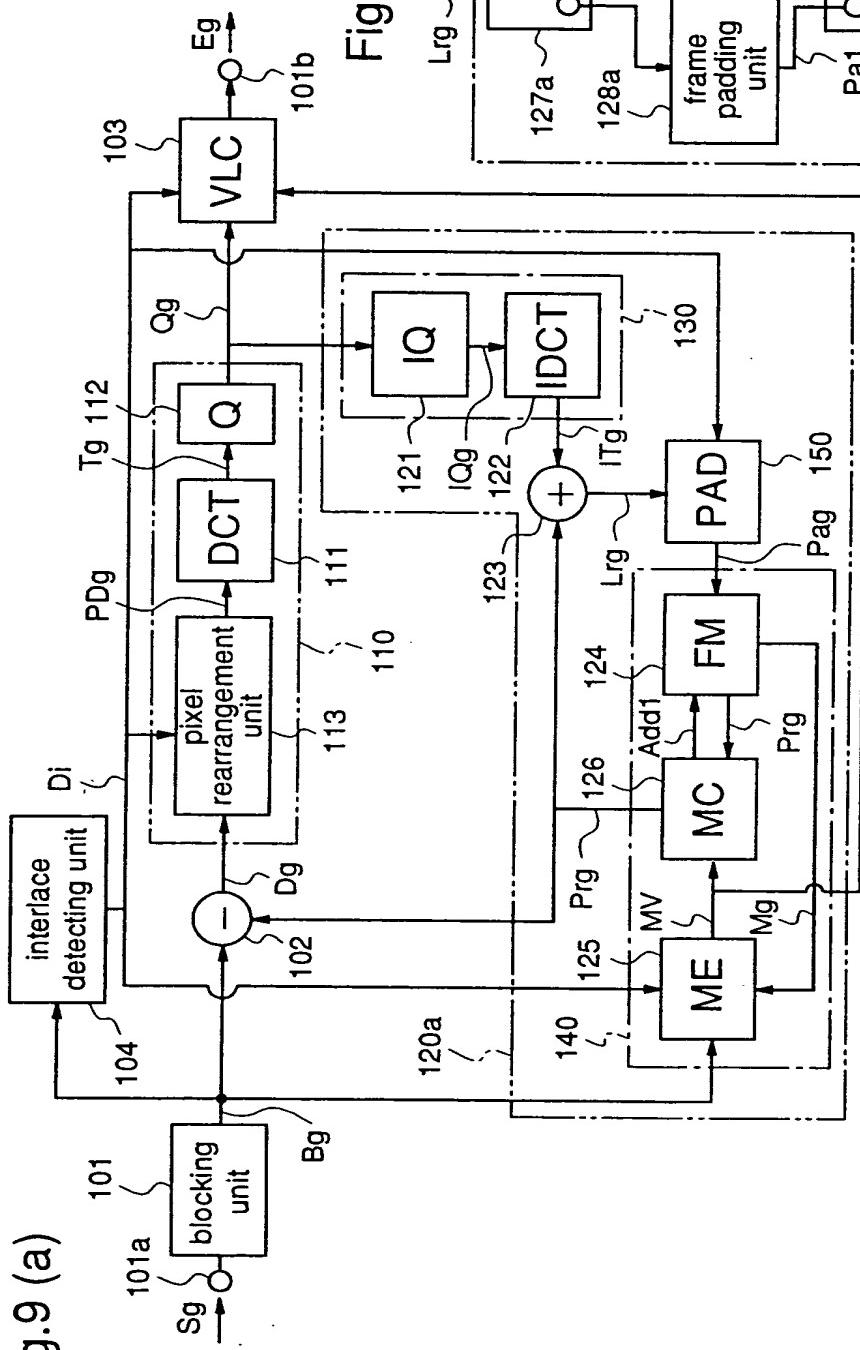
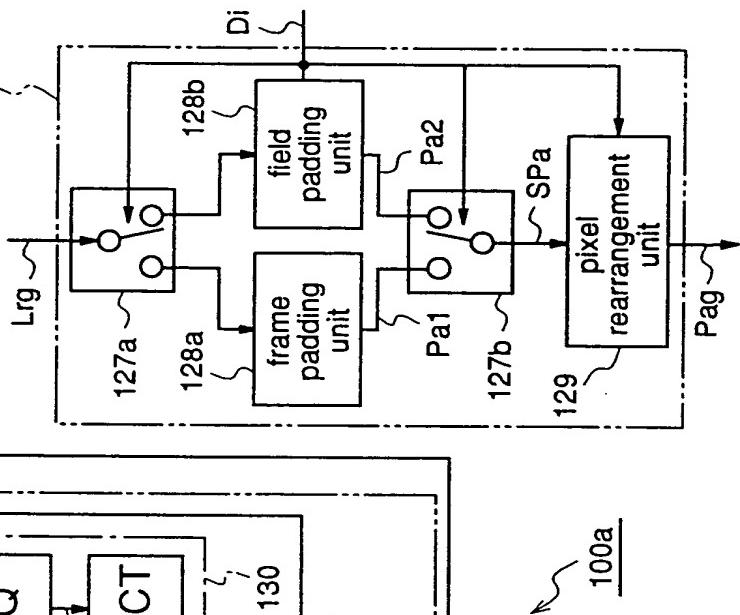


Fig. 9 (b) 150



10/20

Fig.10 (a)

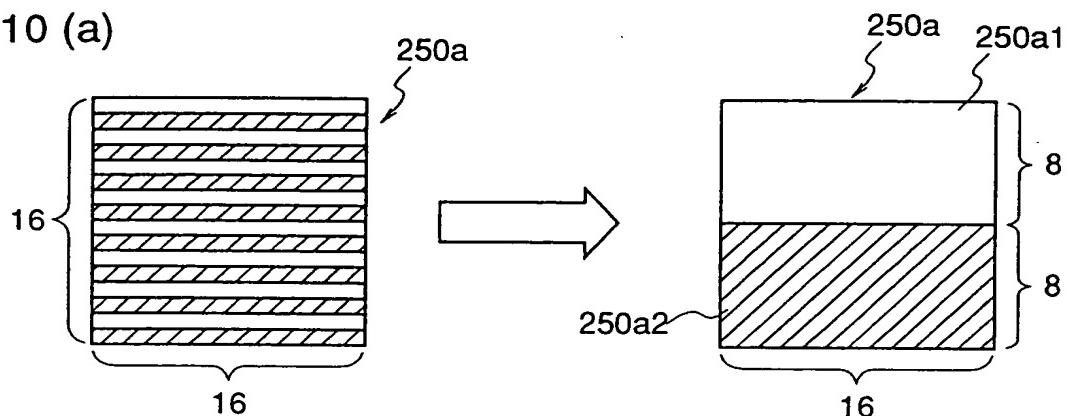


Fig.10 (b)

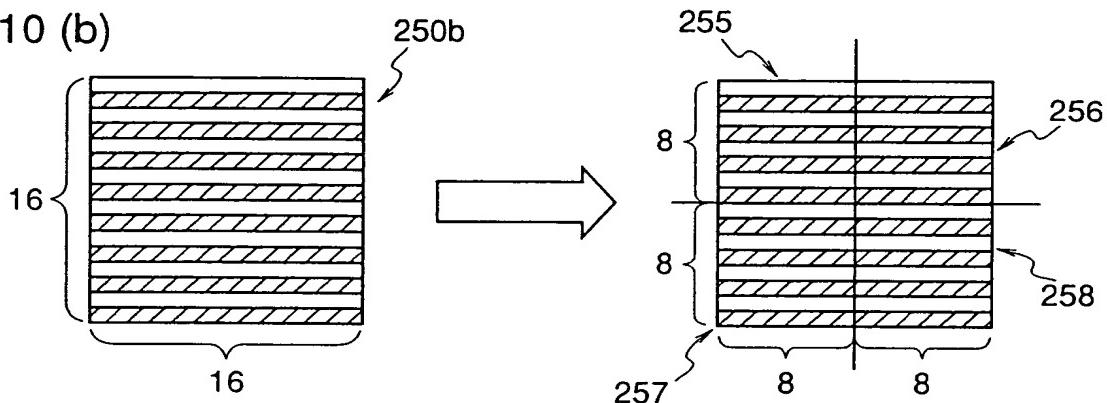


Fig.10 (c)

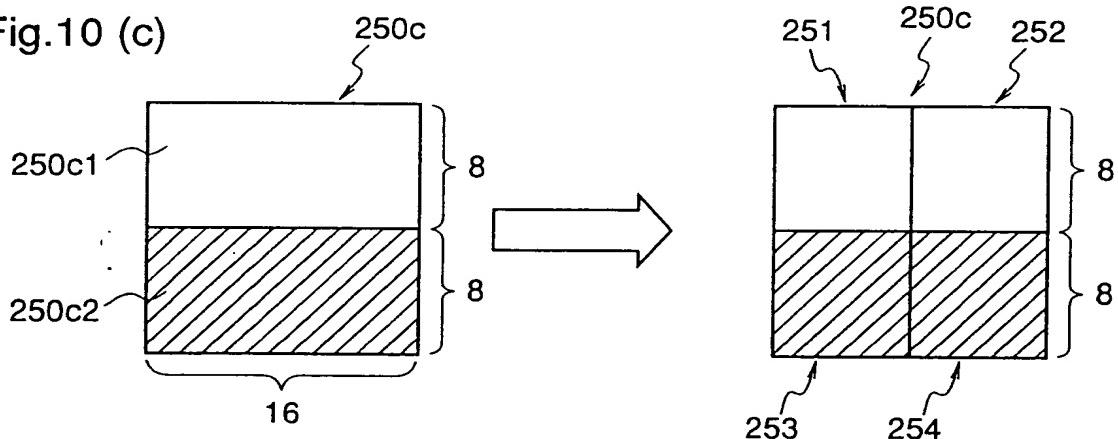
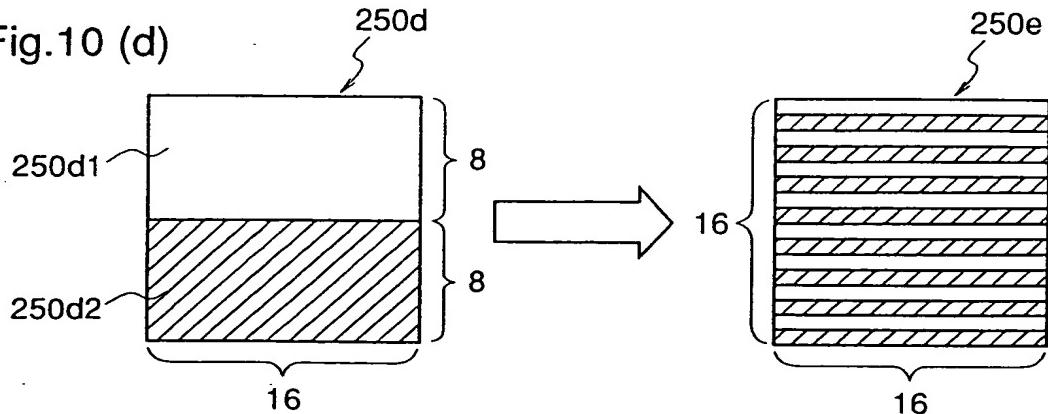


Fig.10 (d)



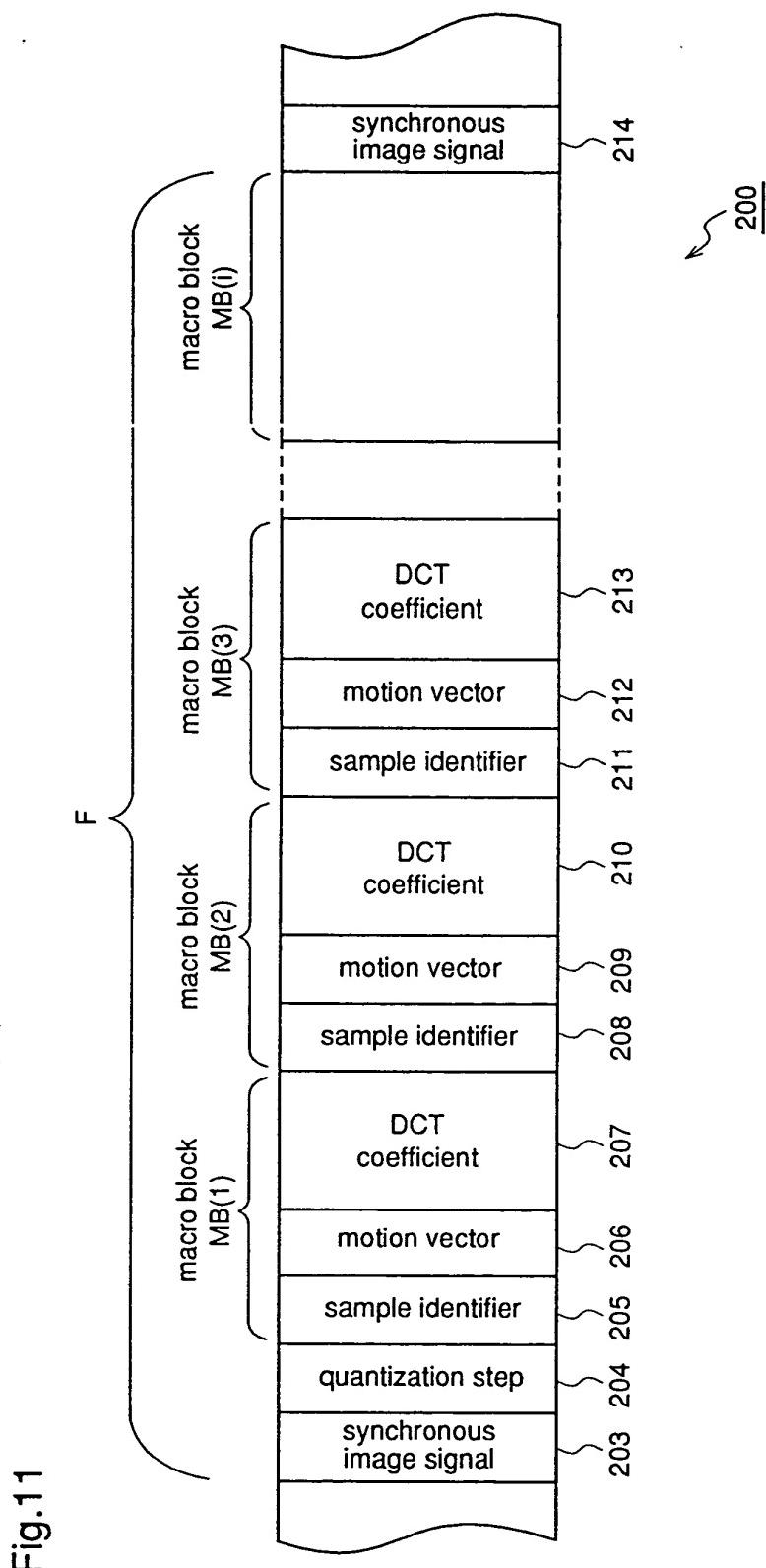


Fig.11

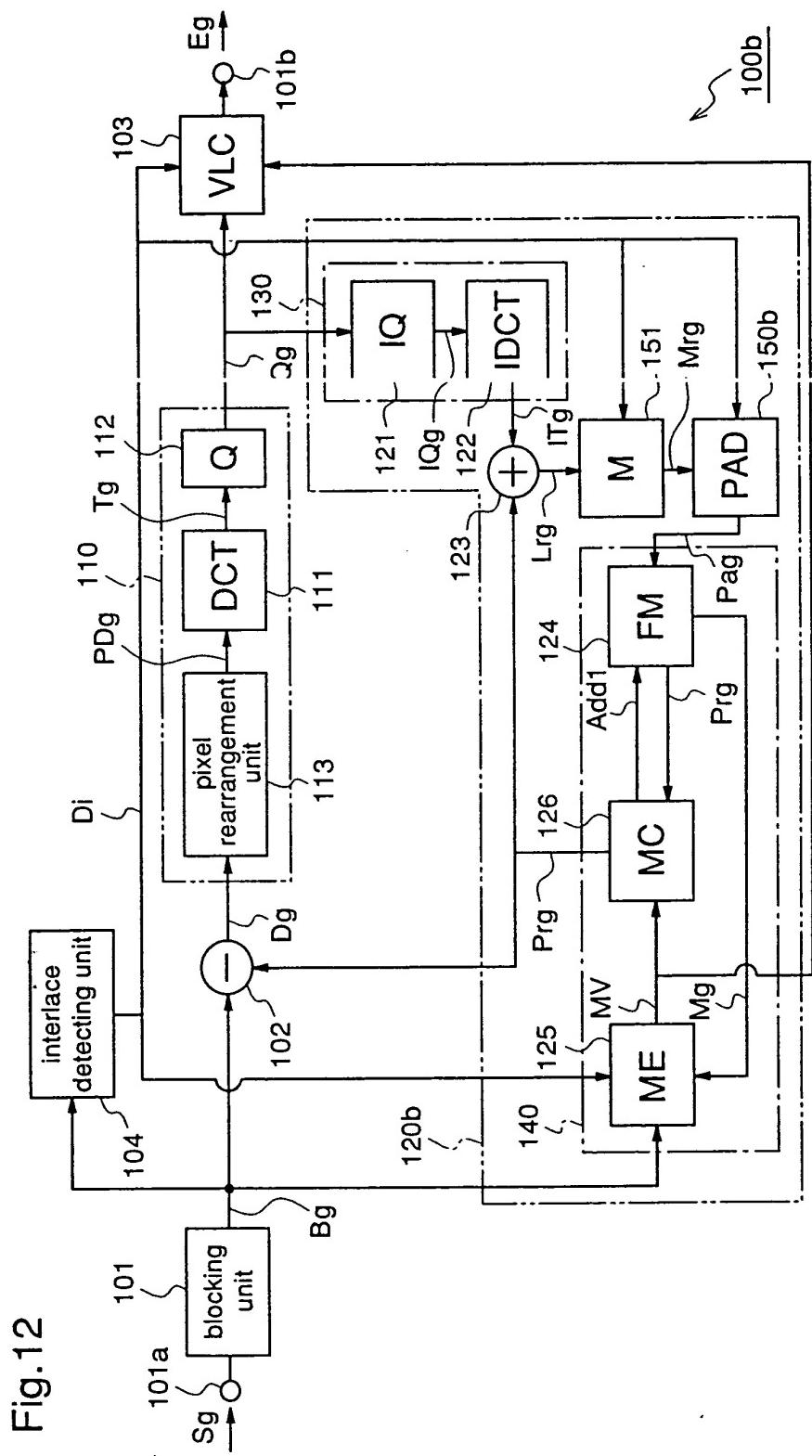


Fig.13 (a)

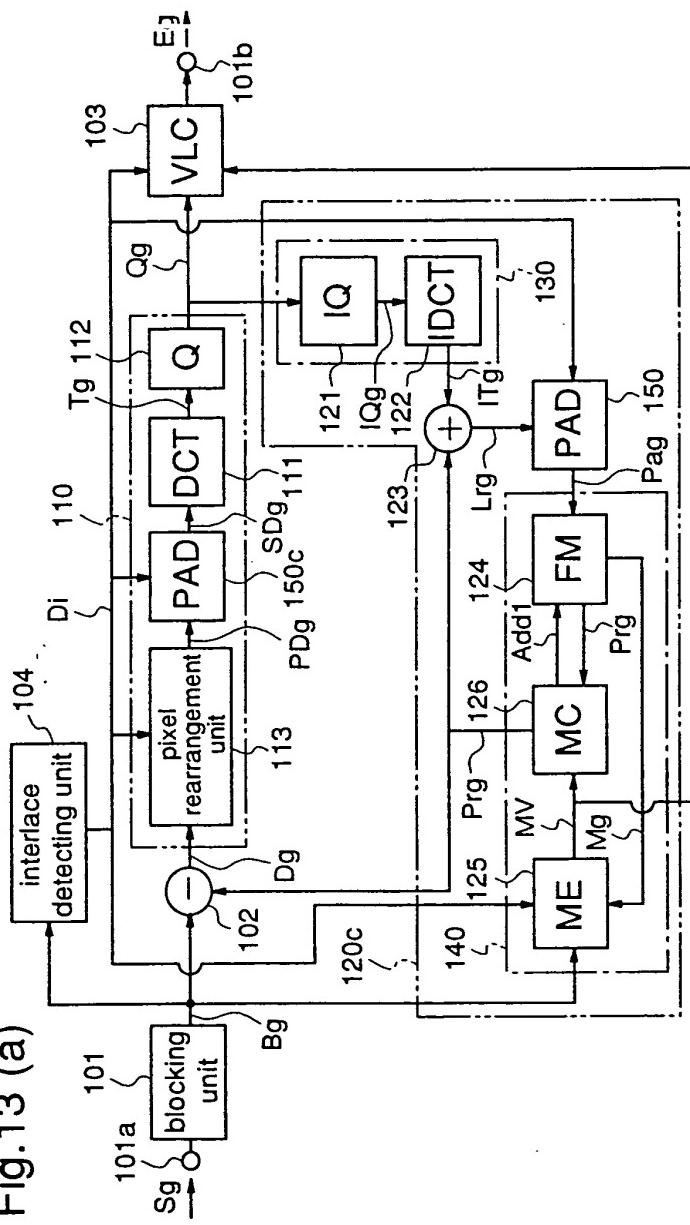
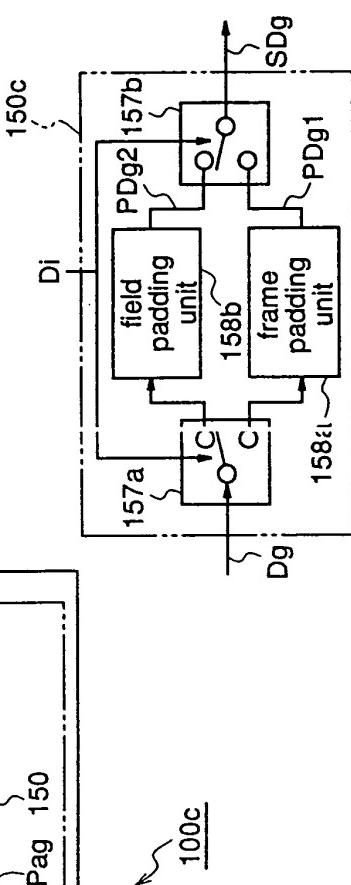
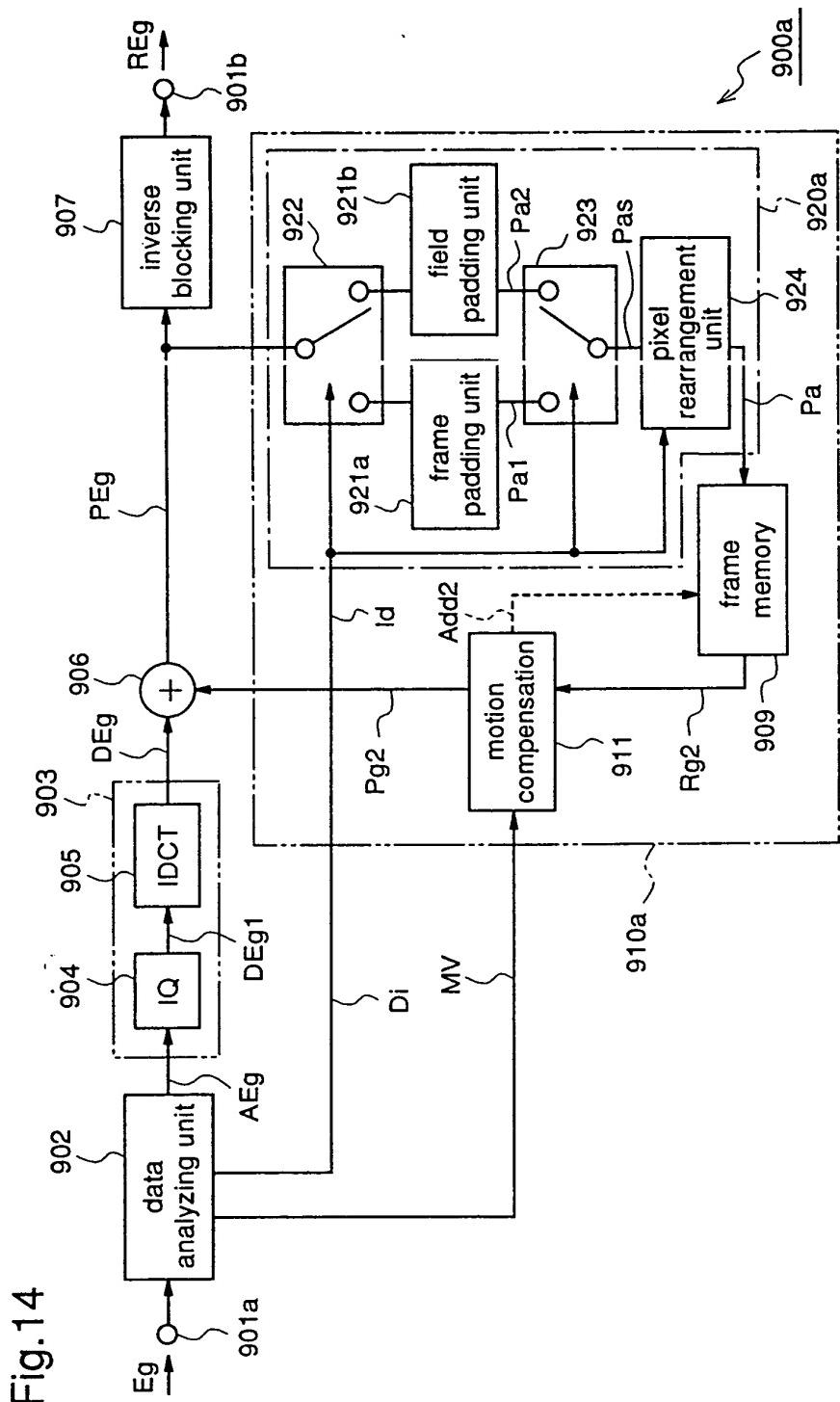
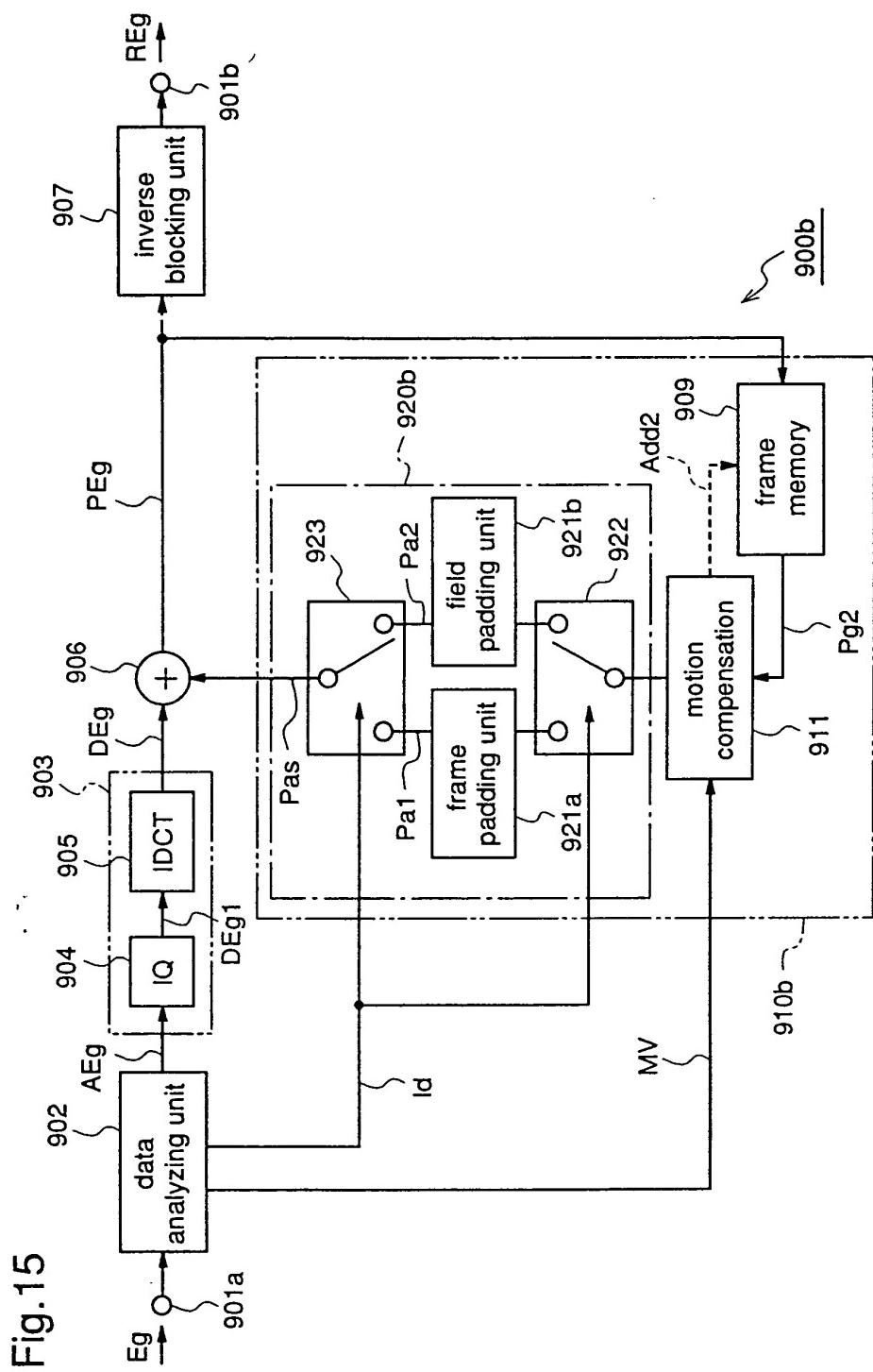


Fig.13 (b)







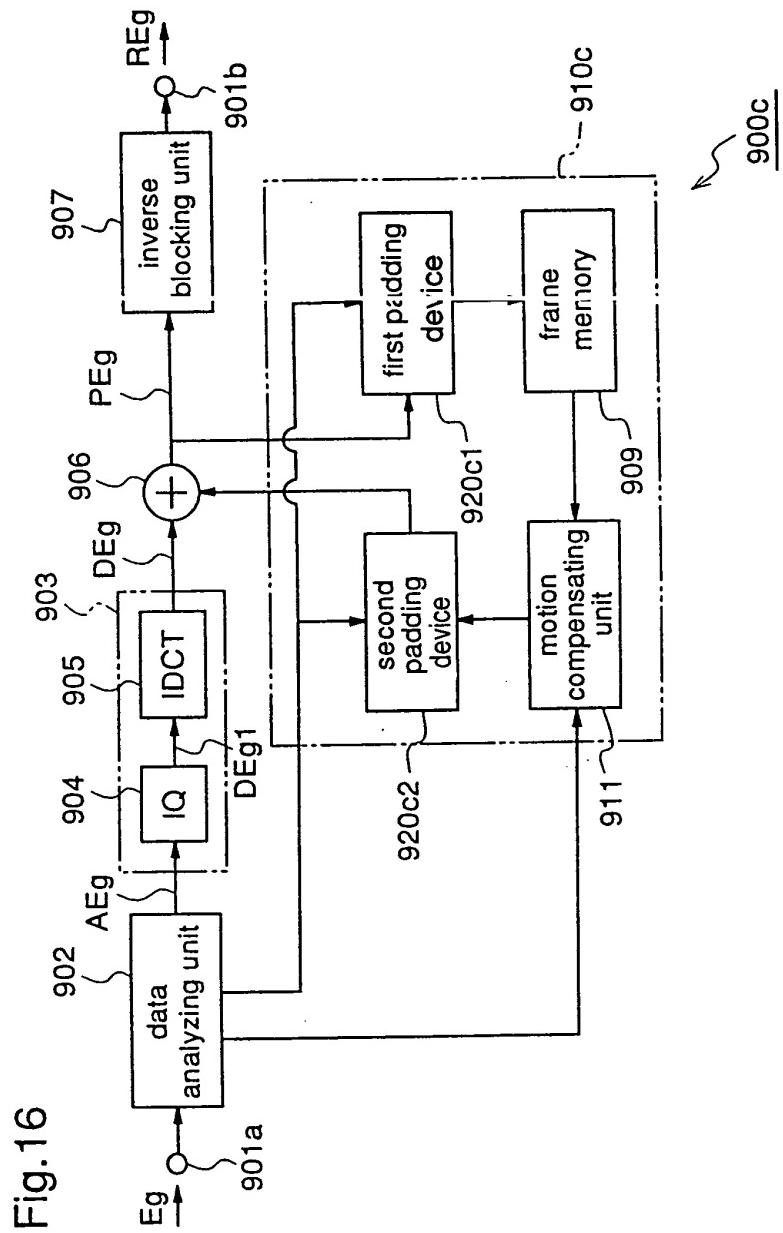


Fig.17 (a)

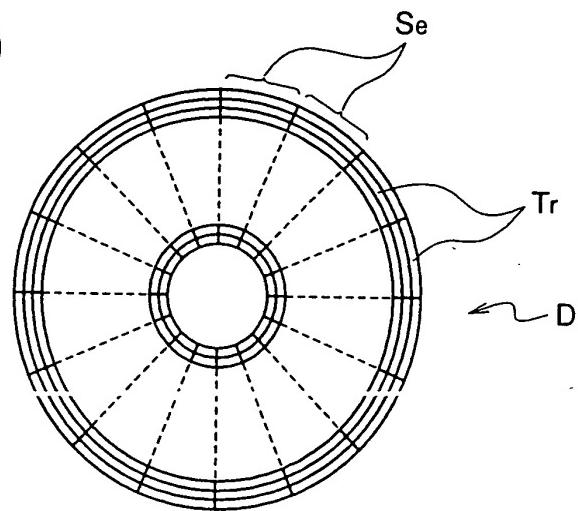


Fig.17 (b)

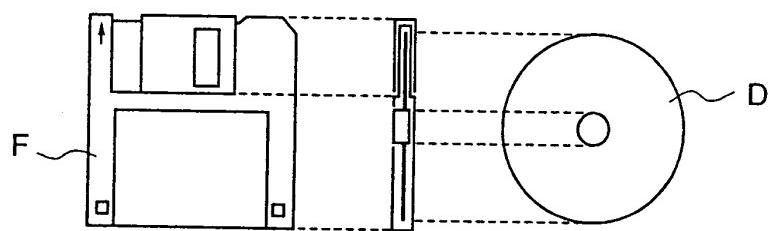


Fig.17 (c)

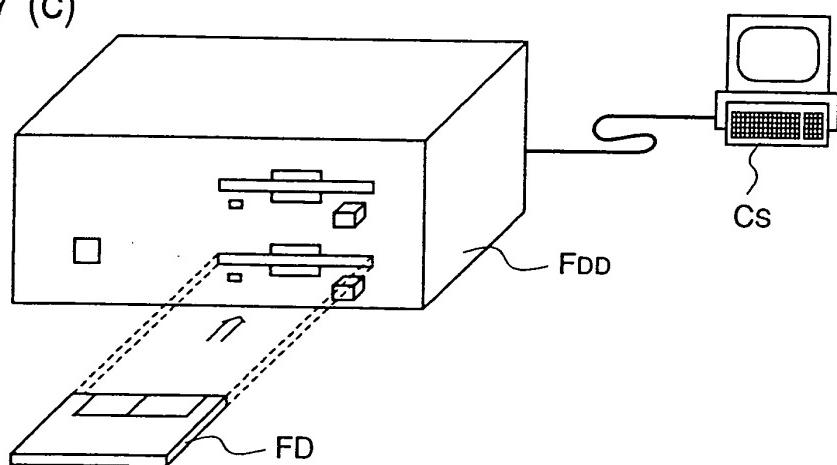
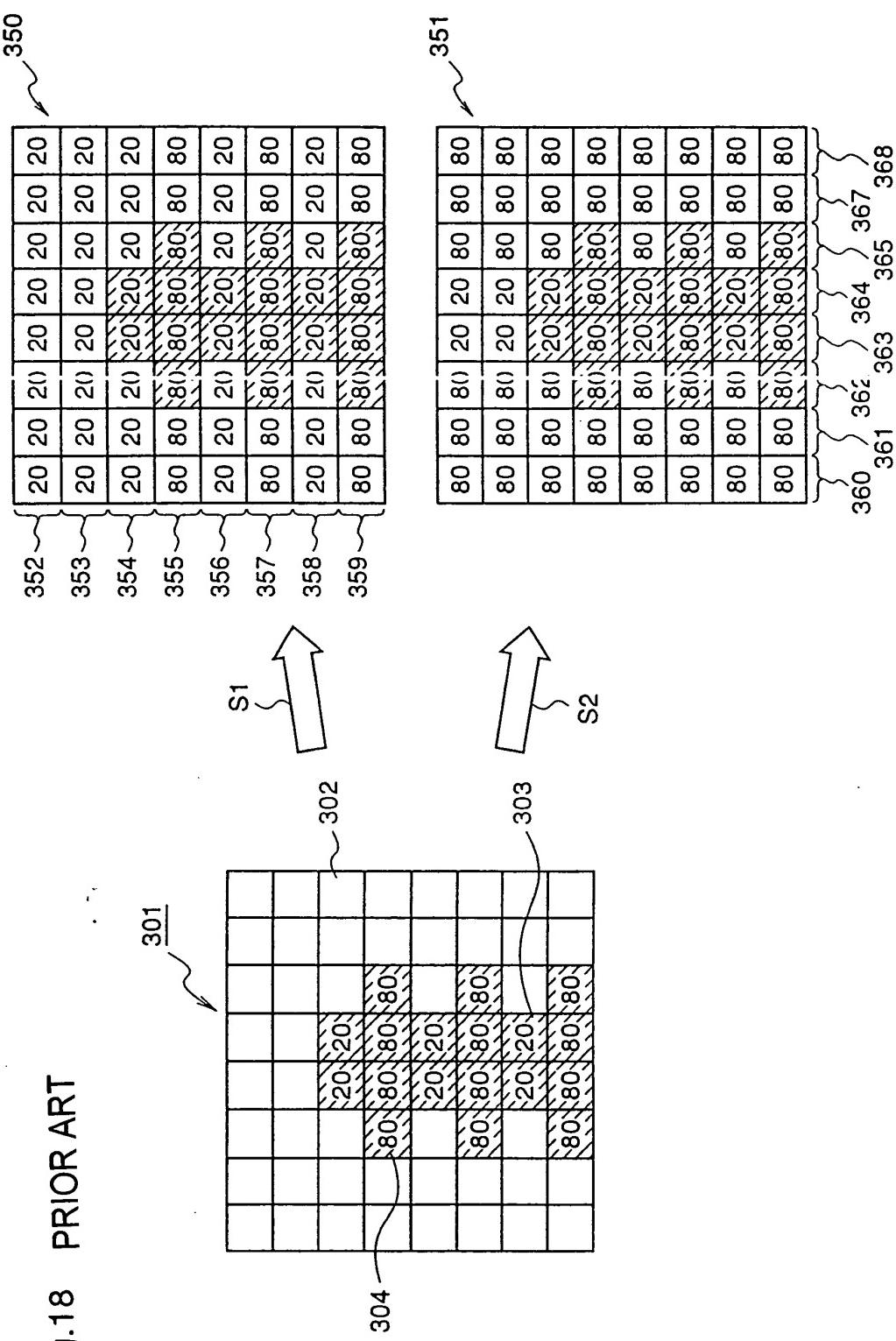


Fig. 18 PRIOR ART



PRIOR ART

Fig. 19

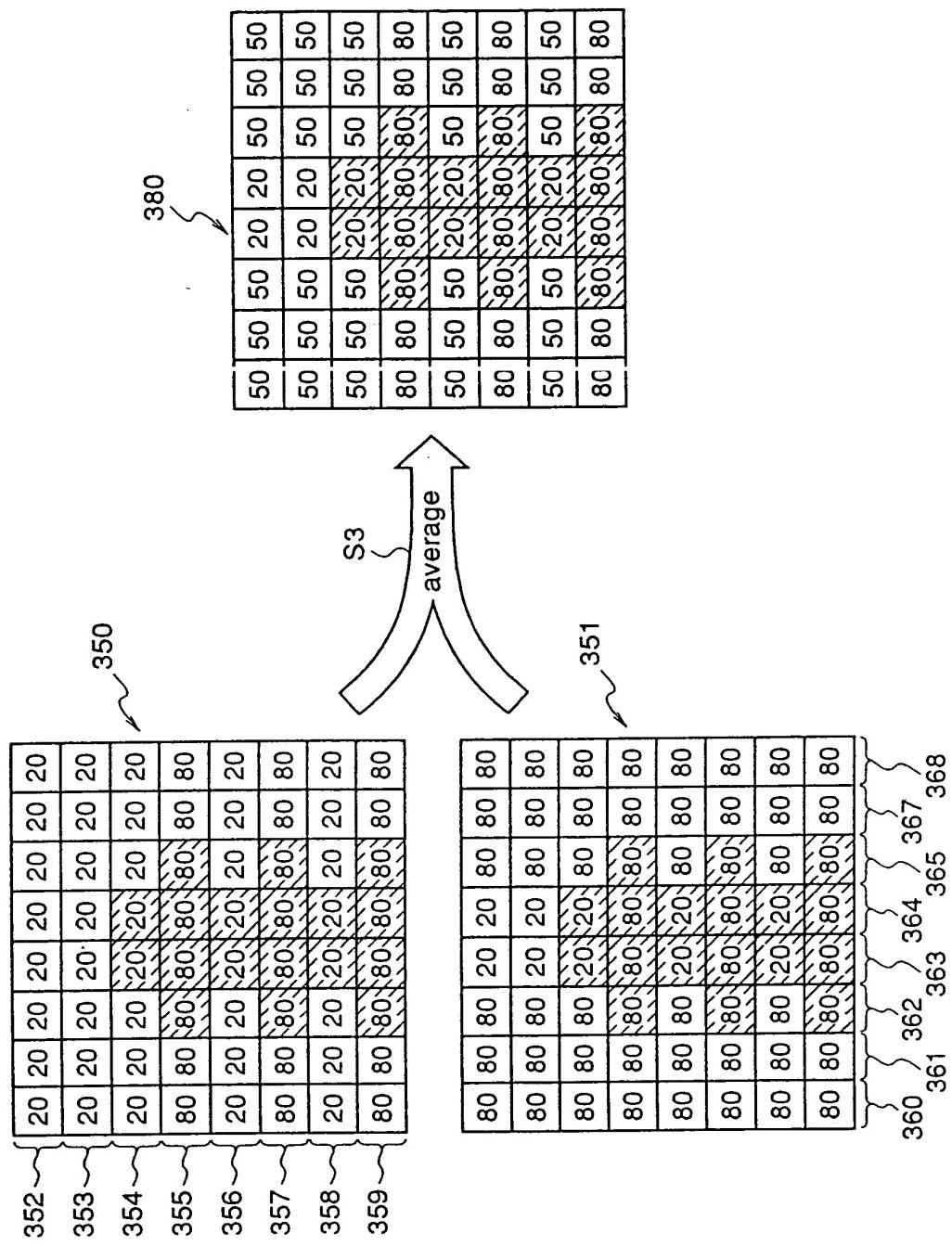


Fig.20 PRIOR ART

